Method for producing vitamin A acetate

## Abstract:

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- The present invention relates to a process for preparing vitamin A acetate by reacting β-vinylionol with triphenylphosphine in the presence of sulfuric acid in a solvent mixture consisting of
  - 60 to 80% by weight methanol,
  - 10 to 20% by weight water and
  - 10 to 20% by weight aliphatic, cyclic or aromatic hydrocarbons having 5 to 8 carbon atoms

to give β-ionylideneethyltriphenylphosphonium salts and subsequent Wittig reaction with 4-acetoxy-2-methylbut-2-enal.